

## ABSTRACT OF THE INVENTION

An aircraft motion control mechanism for regulating aircraft motion from a location remote from an aircraft body portion. The aircraft auxiliary control mechanism has at least one control surface support arm connected to and extending from the aircraft body portion, and an auxiliary flow control surface connected to the support arm. By pivotally controlling the movement of the support arm, the auxiliary flow control surface is operative to deflect airflow to regulate orientation of the aircraft. In addition, the auxiliary flow control surface may further deflect the airflow by deflecting about the support arm.